

Troubleshoot Intermatic P1353ME 3-channel timer.

Troubleshoot timer that worked before and stopped functioning.

1) Load rating for timer is 3 HP. Timer has 1 year limited warranty. Contact Intermatic:

<http://www.intermatic.com/customer%20service.aspx>

2) Locate fuse on back of timer next to voltage selector.

Buy cheap multimeter from local box store, install battery in multimeter, set multimeter to read ohms, and test across fuse ends to see if current passes through fuse. Replace fuse

3) Check that ribbon cable from control face to circuit board is connected.

4) Verify that yellow wires from transformer are connected to circuit board.

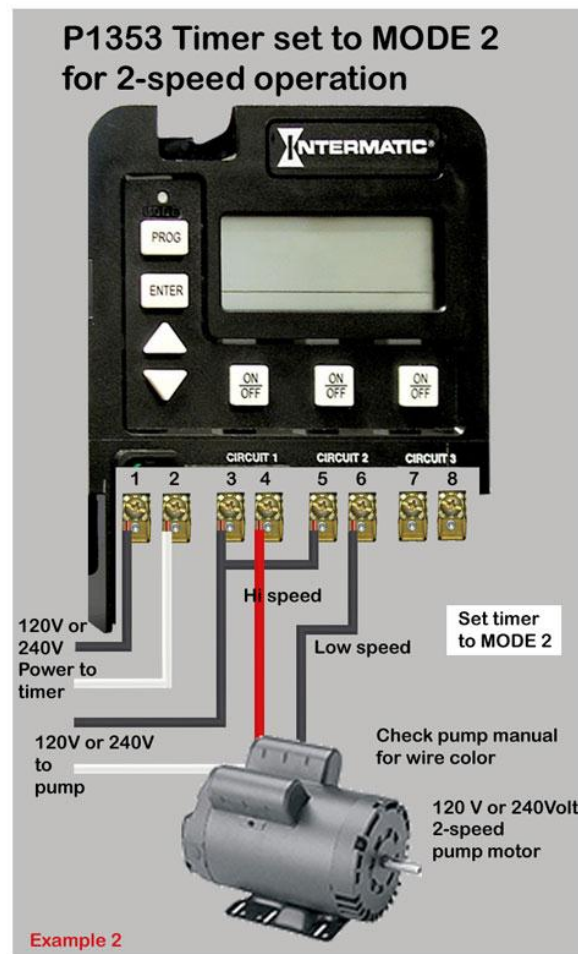
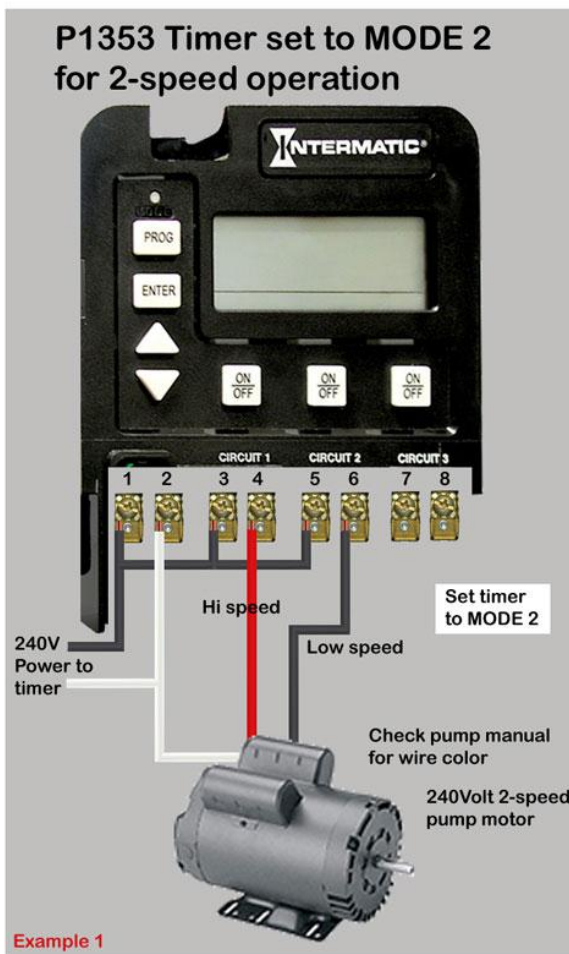
5) Turn off circuit breaker and then re-power

6) Replace one or both 145T145A Omron relays if timer no longer turns on pump.

7) By-pass timer and see if pump works correctly on each speed.

To do this, refer to typical wiring diagram below: Disconnect wires on terminals 4 and 6. Connect terminal 6 wire to terminal 5 and turn power ON to check low speed. Next, disconnect terminal 6 wire from terminal 5.

Connect terminal 4 wire to terminal 3 and turn power ON to check high speed.



8) Use by-pass wiring and circuit breaker to control pump until timer is replaced.

9) Resources and manuals:

<http://waterheatertimer.org/Intermatic-trippers-and-parts.html#P1353>